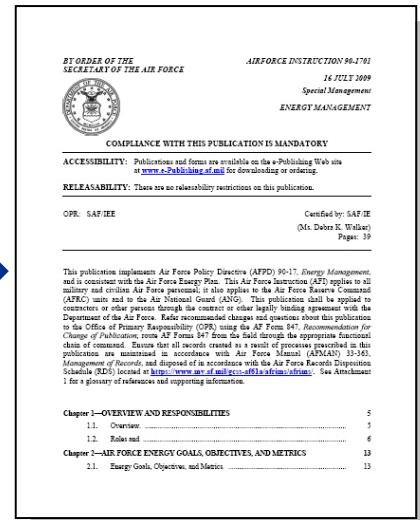
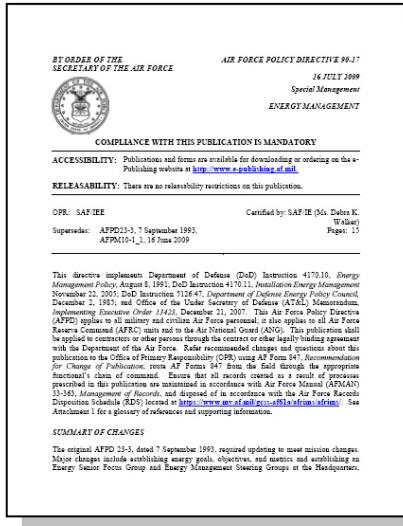




Air Force Energy Policy



**AFPD 90-17
Signed 16 July
2009**

**AFI 90-1701
Signed 16 July
2009**

**Formally established the AF Energy
Program: Strategy, Goals, Objectives
and Metrics**



Air Force Energy Governance

HQ Air Force Energy Senior Focus Group

Co-Chairs: AF/CV, SAF/US (SAF/IE Interim)

Members: SAF/IE, SAF/AQ, SAF/IA, SAF/PA, SAF/FM, AF/A1, AF/A3/5, AF/A8, AF/A4/7

Executive Secretariat: SAF/IEE

Principal Advisors: AF/ST, AF/A9

Infrastructure Workgroup

Chair: AF/A7C

Champions:
AF/A4R, AF/A8,
SAF/FM

Acquisition & Tech Workgroup

Chair: SAF/AQR

Champions: AF/A4/7,
AFCO, DESC, AF/ST

Aviation Ops Workgroup

Chair: AF/A3/5

Champions:
AF/A8, SAF/AQ,
SAF/FM

International Workgroup

Chair: SAF/IA

Champions:
SAF/IE, AF/A30,
SAF/AQ

Culture Change Workgroup

Chair: AF/A1

Champions: SAF/AQ,
SAF/IE, A4/7, A7C

Advisory Groups

Strategic Communication Integration Group

Chair: SAF/PA
Champions: SAF/IE,

MAJCOM

Critical Infrastructure Protection Workgroup

Chair: AF/A3S

F/A7CX, A7S

Innovative Financing Workgroup

Chair: SAF/FM
Champions: AF/A8, SAF/AQ,

AF/A4/7

Operational Energy Planning Workgroup

Chair: SAF/IE
Champions: SAF/AQ, A5,A8

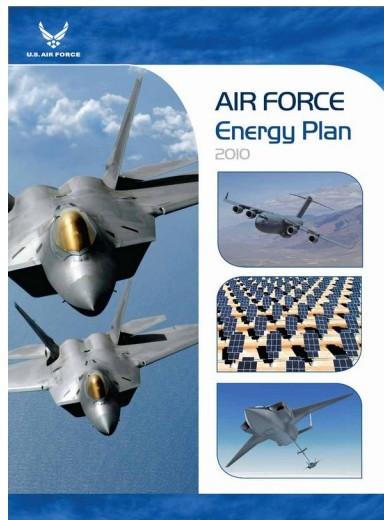


3-Part Strategy

Reduce Demand

Increase Supply

Change the Culture

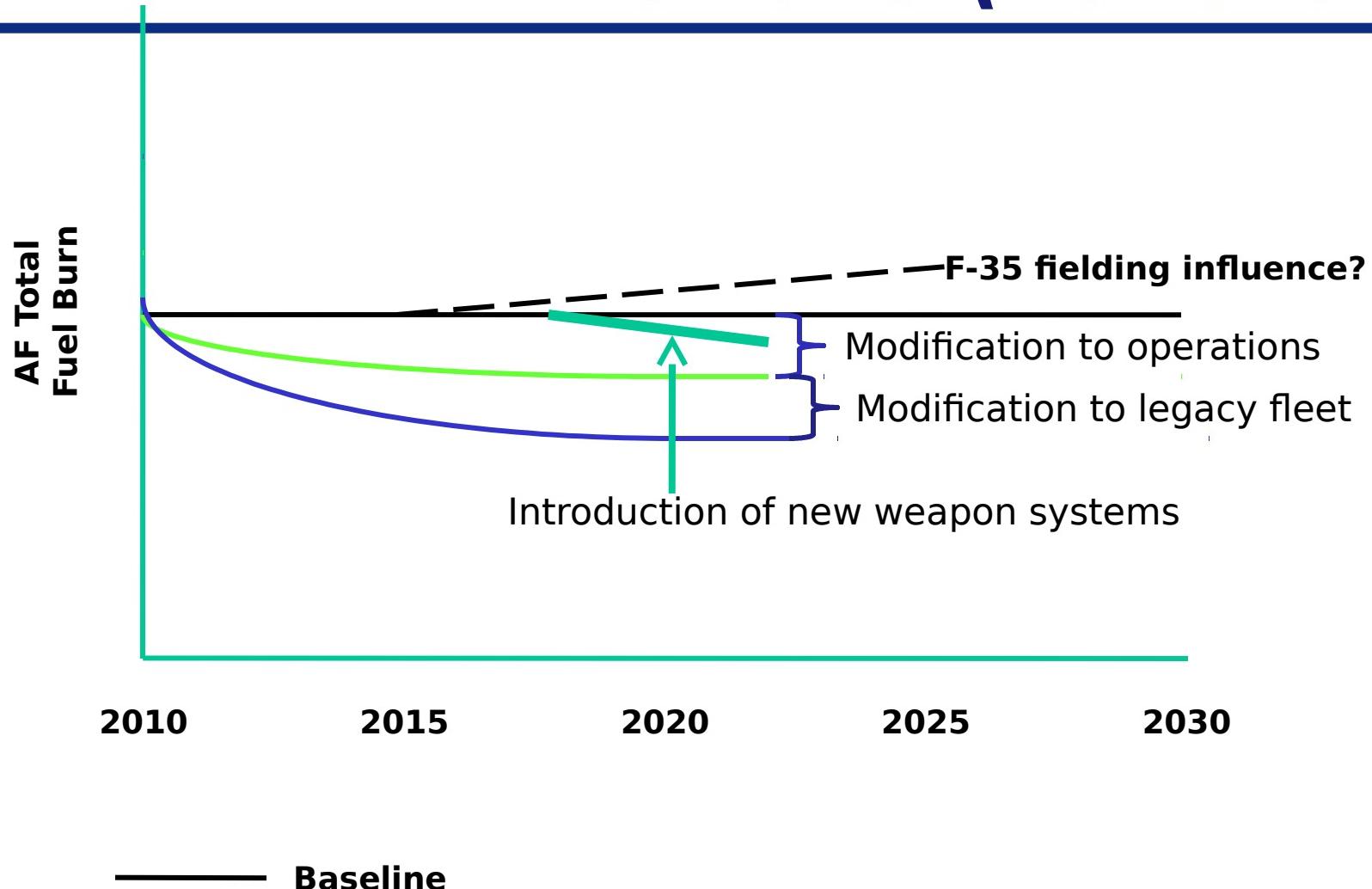


Vision

Make Energy A Consideration In All We Do



Operational Fuel Demand (*notional*)





- “Life-cycle cost analysis for new capabilities include the fully burdened cost of fuel during analysis of alternatives and evaluation of alternatives and acquisition program design trades.”
- “...fuel efficiency key performance parameter in the requirements development process for the modification of existing or development of new fuel consuming systems.”
- “analyses and force planning processes that... establish capability requirements and inform acquisition decisions... consider the requirements for, and vulnerability of, fuel logistics.”



FBCF defined

- “Fully burdened cost of fuel” means the commodity price for fuel plus the total cost of all personnel and assets required to move and, when necessary, protect the fuel from the point at which the fuel is received from the commercial supplier to the point of use.



Why Consider Energy?

- Assured supplies of energy are fundamental to the Air Force - global vigilance, reach, and power depend on energy
 - Energy *is* operational access
- Future security environment will reduce likelihood of secure sanctuaries and lines of communication - at home and abroad
 - Attacks on Iraq/Afg supply lines already suggest strains on assured delivery of energy
 - Proliferating precision weapons - ballistic/cruise missiles, rockets, mortars, artillery - will increase threats to operating forces and fuel logistics across spectrum of conflict
 - Beyond kinetics, growing cyber threats to power generation and electrical grid
- Reducing operational risk from AF dependence on energy should be a consideration across planning, requirements, and acquisition
 - Reduce warfighting risk and meet Congressional/OSD mandates related to Fully Burdened Cost of Fuel